

BASF Aktiengesellschaft

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**Abstract**

5 Plant gene expression under the control of constitutive  
plant V-ATPase promoters

10 To express selection genes and resistance genes, it  
would be desirable to have available plant constitutive  
promoters which have a strong uniform constitutive  
activity in as many plant tissues or cell types as  
possible and which, moreover, show an even stronger  
activity, or are not repressed, under stress  
conditions.

15 The invention provides DNA constructs which encompass a  
plant V-ATPase promoter which is operatively linked  
with a heterologous gene. The invention furthermore  
relates to the use of these constructs in the form of  
20 expression cassettes, recombinant vectors and in  
transgenic plants, plant cells or protoplasts. In  
particular, the invention relates to the promoter of  
the *Beta vulgaris* V-ATPase subunit c isoform 2.

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